

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6276447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 16:58
S2	7	("4272006"   "5203407"   "5228727"   "5555929"   "5632161"   "5758904"   "5761808").PN. OR ("6276447").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 15:03
S3	1076	29/890.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 10:27
S5	377	29/890.054.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 10:26
S6	807	29/890.043.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 10:26
S7	11	("5159821"   "5505253"   "5546761"   "5628206"   "5709106").PN. OR ("6052899").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 16:32
S8	38	("0858258"   "2488627"   "2573161"   "3078551"   "3310868"   "3972371"   "4077559"   "4128235"   "4377024"   "4453301"   "4467511"   "4482415"   "4498220"   "4513811"   "4529034"   "4632291"   "4659003"   "4724994"   "4730669"   "4744505"   "4858686").PN. OR ("5150520"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 16:46
S9	294	29/890.052.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 08:21

## EAST Search History

S10	11	("3874710"   "5205349"   "5240068"   "5363910"   "5632332"   "5771965"   "5806897"   "6059322").PN. OR ("6293011"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 09:34
S11	19	("2580715"   "3866675"   "4770240"   "5172762"   "5205349"   "5214847"   "5236042"   "5299635"   "5429182"   "5570737").PN. OR ("6167953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 10:09
S12	12	("1896371"   "3476414"   "3922768"   "4287650"   "4620590"   "4887853"   "4911484").PN. OR ("5419042").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 10:40
S13	18	("4957158"   "5052480"   "5105877"   "5163716"   "5186246"   "5186248"   "5209290"   "5228727"   "5240068"   "5346003"   "5419042"   "5477919").PN. OR ("5711370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 10:44
S14	16	("2573161"   "2816739"   "2956334"   "3047937"   "3972371"   "4887853"   "4945983").PN. OR ("5105877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 10:58
S15	8	("1847743"   "5105877"   "5183107"   "5479985"   "5535821"   "5605191"   "5901784").PN. OR ("6142217").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 11:34
S16	2	"2001272195"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:11
S17	4	"11142089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:37
S18	3	"11315721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:40
S19	2	"2001221048"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:41

## EAST Search History

S20	14	"846931"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:42
S21	2	"5937938".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:43
S22	3	"2001074389"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/14 11:43
S23	128	403/332.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	2006/06/14 12:39
S24	703	403/375.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 16:35
S25	11	403/375.ccls. and braz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 15:31
S26	41426	(clamp or ring) and braz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 15:35
S27	1480	(clamp or ring) near braz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 15:35
S28	515	((clamp or ring) near braz\$3) same (pipe or tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:21

## EAST Search History

S29	5	("3534712"   "4811696"   "6152086"   "6644393").PN. OR ("6948455").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 15:46
S30	28	(clamp near braz\$3) same (pipe or tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 16:25
S31	127	(clamp adj shell) same (pipe or tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:22
S32	1118	165/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:41
S33	1118	165/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:41
S34	1118	165/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/15 14:42
S35	1118	165/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/15 14:42
S36	802	165/178.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/15 14:43
S37	16	("1816111"   "2368732"   "2617634"   "5165468"   "5307869"   "5325915"   "5435383"   "5492171"   "5671807"   "5810071"   "5931219"   "6145587"   "6161615").PN. OR ("6918434").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 15:22
S38	7	("4272006"   "5203407"   "5228727"   "5555929"   "5632161"   "5758904"   "5761808").PN. OR ("6276447").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 15:38

## EAST Search History

S39	10	("5271460"   "5289870"   "5363910"   "5379834"   "5456089"   "5477919").PN. OR ("5941304").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 15:48
S40	953	228/183.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 16:35
S41	1100	228/183.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 16:46
S51	2	("5150520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:23
S52	27	("20020134538" "3489209" "4142581" "4159034" "4546824" "4579171" "4744505" "4997035" "5178211" "5749414" "6223812").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 12:21
S53	21	("1856618"   "2367942"   "3426409"   "3710473"   "3906605"   "3972371"   "4159034").PN. OR ("4467511").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 12:27
S54	255155	(elliptical or ellip\$3 or oval or elongat\$3 or oblong) same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 12:48
S55	4737	(elliptical or ellip\$3 or oval or elongat\$3 or oblong) same (tube or pipe) same (heat adj exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 12:49
S56	29	oblong same tube same header same (heat adj exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 12:50

## EAST Search History

S57	17	("0603244"   "1546858"   "2221934"   "2636752"   "3971500"   "4175308"   "4334703"   "4620590"   "5094293").PN. OR ("5275236").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 12:55
S58	36	("0745254"   "1284578"   "1708229"   "2313315"   "2337584"   "2415865"   "2443574"   "2498827"   "2618256"   "2691813"   "2926003"   "2983993"   "3024521"   "3627039"   "3897821").PN. OR ("4175308").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 12:58
S59	2	("745254").URPN.	USPAT	OR	OFF	2006/06/16 12:59
S60	17	("2735698"   "4155346"   "4159034"   "4246958"   "4458749").PN. OR ("4546824").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:04
S61	8	("3196657"   "4031745"   "4546824"   "4744505"   "5099576"   "5214848").PN. OR ("5644842").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:06
S62	35	("1278243"   "1281247"   "1320652"   "1899629"   "1990752"   "2085677"   "2434988"   "2937855"   "3257710"   "3540529"   "3960210").PN. OR ("4159034").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:13
S64	547	29/726.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/19 12:46
S65	658	29/727.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 13:23
S66	13	oblong and (S64 or S65)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 13:24
S67	294	29/890.052.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:46

## EAST Search History

S68	333	29/890.044.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:30
S69	85	29/890.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:34
S70	159	29/890.038.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:44
S71	8	("4002195"   "4078708"   "4113177"   "4155540"   "4505728"   "5246066"   "5622220").PN. OR ("6675882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 10:48
S72	377	29/890.054.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 10:50
S73	807	29/890.043.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:50
S74	14	(S67 or S68 or S69 or S70 or S72 or S73) and ((weld or solder or braze) same (grind or ground))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/19 10:50
S75	2	("5150520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/19 12:34
S76	8	Korth-jay.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/19 12:46

## EAST Search History

S77	25	smith-geoff.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 12:46
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